

AMENDMENTS TO THE SPECIFICATION

Please amend the specification at page 7, line 29 as follows:

Optionally, a determination is made whether the period of time that the classification of the occupant is the same as the output classification is greater than a pre-determined time threshold relative to which changes in the current classification can be made. If so, the period of time that the classification of the occupant is the same as the output classification is set to the pre-determined threshold (which would thus be less than the period of time that the classification of the occupant is the same). This threshold thereby provides an upper limit on the amount of time needed to effect a change in the output classification. In other words, the period of time that the classification of the occupant is the same is determined and a determination is then made whether this period of time is less than or greater than the pre-determined time threshold with whichever is less being set as a comparison threshold. A period of time that the occupant is classified differently than the current classification is determined and the current classification is compared to the comparison threshold and changed only when the period of time that the occupant is classified differently is greater than the comparison threshold.